

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A planar light source unit comprising:

a light source;

a light guide plate having a light incident surface through which light from the light source enters, a light exit surface through which light exits, and an anisotropic diffraction grating formed on the light exit surface or a surface opposite to the light exit surface for diffusing light in a principal diffusing direction along the light incident surface; and

a prism sheet for collecting light traveling from the light incident surface to an opposite side surface, having a plurality of prism structures on a surface opposite to the light exit surface, each of the plurality of prism structures having an apex angle of larger than 65 degrees and smaller than 68 degrees,

wherein the anisotropic diffraction grating does not substantially diffuse light in a direction perpendicular to the principal diffusing direction.

2. (Original) A planar light source unit according to claim 1, wherein the anisotropic diffraction grating comprises a hologram pattern integrally formed on the light guide plate.

3. (Original) A planar light source unit according to claim 1, wherein an apex angle of each of the plurality of prism structures is 66 degrees.

4. (Original) A planar light source unit according to claim 2, wherein an apex angle of each of the plurality of prism structures is 66 degrees.

5. (Canceled)

6. (Original) A planar light source unit according to claim 1, wherein the light guide

plate has smooth prism structures on a surface opposite to a surface where the anisotropic diffraction grating is formed for controlling an emission angle of light exiting through the light exit surface.

7. (Original) A planar light source unit according to claim 2, wherein the light guide plate has smooth prism structures on a surface opposite to a surface where the anisotropic diffraction grating is formed for controlling an emission angle of light exiting through the light exit surface.

8. (Original) A planar light source unit according to claim 1, wherein the prism sheet is directly placed on the light exit surface.

9. (Original) A planar light source unit according to claim 2, wherein the prism sheet is directly placed on the light exit surface.

10. (Currently Amended) A display device, comprising:
a planar light source unit; and
a display panel displaying images by controlling transmission of light from the planar light source unit;

the planar light source unit comprising:

a light source;

a light guide plate having a light incident surface through which light from the light source enters, a light exit surface through which light exits, and an anisotropic diffraction grating formed on the light exit surface or a surface opposite to the light exit surface for diffusing light in a principal diffusing direction along the light incident surface; and

a prism sheet for collecting light traveling from the light incident surface to an

opposite side surface, having a plurality of prism structures on a surface opposite to the light exit surface, each of the plurality of prism structures having an apex angle of larger than 65 degrees and smaller than 68 degrees,

wherein the anisotropic diffraction grating does not substantially diffuse light in a direction perpendicular to the principal diffusing direction.

11. (New) A display device according to claim 10, wherein the anisotropic diffraction grating comprises a hologram pattern integrally formed on the light guide plate.

12. (New) A display device according to claim 10, wherein an apex angle of each of the plurality of prism structures is 66 degrees.

13. (New) A display device according to claim 11, wherein an apex angle of each of the plurality of prism structures is 66 degrees.

14. (New) A display device according to claim 10, wherein the light guide plate has smooth prism structures on a surface opposite to a surface where the anisotropic diffraction grating is formed for controlling an emission angle of light exiting through the light exit surface.

15. (New) A display device according to claim 11, wherein the light guide plate has smooth prism structures on a surface opposite to a surface where the anisotropic diffraction grating is formed for controlling an emission angle of light exiting through the light exit surface.

16. (New) A display device according to claim 10, wherein the prism sheet is directly placed on the light exit surface.

17. (New) A display device according to claim 11, wherein the prism sheet is

Application Serial No.: 10/649,688
Reply to Office Action dated April 21, 2005

directly placed on the light exit surface.